

## AMENDMENTS TO THE CLAIMS

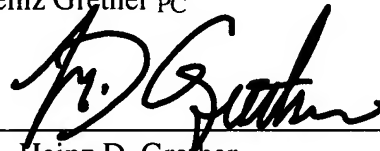
This listing of the claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) An electronic musical performance instrument comprising:  
a musical instrument input interface manipulatable ~~ion~~ by a human operator  
integral with;  
electronic circuitry for monitoring the input keys for input by the human operator; and  
integral with a central processing unit running an operating system capable of running alternative sound synthesis software packages to generate sound signals from the input from the human operator's manipulation input to the musical instrument interface.
2. (new) The musical instrument of claim 1 wherein the central processing unit runs a personal computer operating system.
3. (new) The musical instrument of claim 2 wherein the boot code for the central processing unit is stored in nonvolatile solid state memory.
4. (new) The musical instrument of claim 3 wherein the nonvolatile solid state memory is flash memory.
5. (new) The musical instrument of claim 3 wherein the nonvolatile solid state memory is a RAM drive.
6. (new) The musical instrument of claim 1 wherein the musical instrument includes a UPS which supplies power for the operation of the instrument when mains power is lost and which stores power collected when mains power is connected.

7. (new) The musical instrument of claim 1 wherein the human interface includes at least two interface surfaces and at least one of the interface surfaces is modular and can be removed or swapped with another modular human interface surface.
8. (new) The musical instrument of claim 7 wherein the modular surface includes a display.
9. (new) The musical instrument of claim 8 wherein the modular surface includes mechanical user interfaces such as keys, knobs and or sliders.
10. (new) The musical instrument of claim 7 which includes a mechanical user interface with a single input control that can detect joystick-like x and y coordinate input and encoder wheel rotational input and pushbutton-like key input.
11. (new) The musical instrument of claim 7 wherein one of the modular surfaces includes an array of keys.
12. (new) The musical instrument of claim 7 wherein one of the modular surfaces includes an array of rotating knobs.
13. (new) The musical instrument of claim 12 wherein one of the modular surfaces includes an array of sliders.
14. (new) The musical instrument of claim 7 wherein one of the modular surfaces includes a combination of keys, sliders and/or knobs.
15. (new) The musical instrument of claim 1 which includes a removable input and output module.
16. (new) The musical instrument of claim 15 wherein the removable input output module can be rack mounted in an industry standard electronic rack.

RESPECTFULLY SUBMITTED,

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Heinz Grether PC

A handwritten signature in black ink, appearing to read 'H. Grether', is written over a horizontal line.

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